ABSTRACT OF THE DISCLOSURE

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METHOD AND SYSTEM FOR
IMPLEMENTING AN APPLICATION-BASED NAMING SYSTEM

A method is presented for processing names by a
naming service. A naming service obtains an application
10 name for an application along with at least one
deployment attribute for a deployment of an instance of
the application within a data processing system. The
naming service generates an application-based name for
the instance of the application; the application-based
15 name represents a context within a naming system that is
supported by the naming service, and the
application-based name is a compound name that includes
the application name and at least one deployment name for
a deployment attribute. A deployment attribute is a
20 metadata value, such as a deployment identifier or
version identifier, that characterizes a manner in which
the instance of the application is deployed within the
data processing system.